

ABSTRACT

[0291] The present invention regards mutant forms of Bik that comprise anti-cell proliferation and/or pro-apoptotic activities. In particular embodiments, the Bik polypeptides comprise a substitution at Thr33 and Ser35 and, in some embodiments, phosphorylation at these sites is inhibited. In more particular embodiments, these forms are useful for cancer therapy, particularly when administered in combination with liposomes. In embodiments wherein a mutant Bik polynucleotide is administered for cancer therapy, the polynucleotide may be regulated in a tissue-specific manner.